

BIOELECTRODE FOR SKIN TREATMENT

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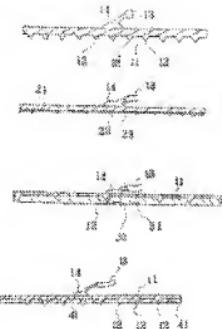
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Abstract of JP 2299668 (A)

PURPOSE: To enable breakages such as fine holes or cracks to be formed through skin or keratinous layer so as to carry out a percutaneous application of medicine by using an electrode equipped with many fine solid electrode parts, which can make contact with the skin surface substantially pointwise when the electrode is stuck onto the skin.

CONSTITUTION: An electrode 30 shown in Fig. 3 is stuck on a skin surface 00. At the same time, the pair to that electrode 02 is also fitted. A small electrical output is applied to the electrode 30 by an outside electrical output equipment 01. When an electrical output from the equipment 01 is started, an electrolysis of an electrically conductive tacky gel 31 occurs, fine holes are formed through the electrically conductive gel 31 and holes are finally formed even through keratinous layer by keeping that electrical output. At that time, if the electrically conductive gel 31 is impregnated with a liquid medicine, an electrical percutaneous application of that medicine can be carried out.



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